

How Future Sounds ...



Expertise and Experience

Joachim Menzel and the team of JM AudioDesign® have more than 35 years of experience in the development of speakers for studio, stagecraft and High Quality audio systems for private use. the development and manufacture of speakers / panel radiators as well as continuous development of the Know-how ensure mature technology with innovative capabilities at the highest level. Professional users and discerning music lovers have trusted in the expertise and products of JM AudioDesign® for decades.

Development, Manufacturing & Ethics

We manufacture in Germany and commit our partners be to met a high standard in terms of quality / social standards.

The focus of the supply chain is always the Human. The fair, trustworthy dealings with customers, employees and suppliers is always our focus.

The Enviroment

We are convinced that durable, stable value products are the best contribution for the environment.

We want to share with you our enthusiasm and fascination of sound and music.

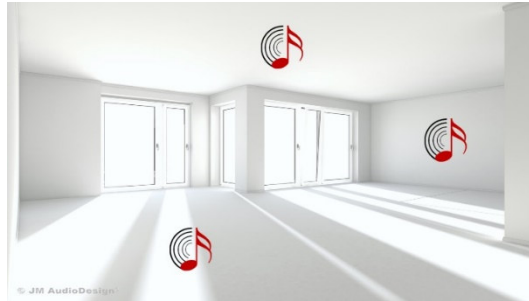
With best regards ... Joachim Menzel & Team

How Future Sounds ...

The 3D Soundexperience at the highest Level ...

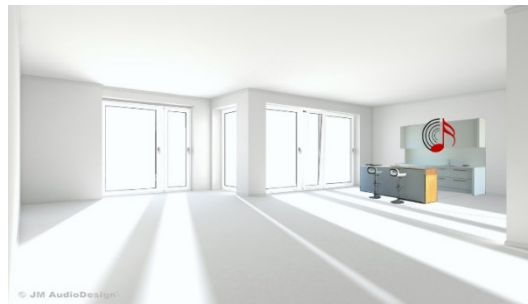
MasterLine
Series

UniLine
Series



Invisible Installation in
Ceiling: Drywall, Wood, Coverplate, Acousticpanels, Glass
Wall: Drywall, Wood, MDF, Wallplate, Glass
Floors: Double Bottom

Furniture & Objects:
eg. Kitchenette,
Bathroom-Furniture,
Window

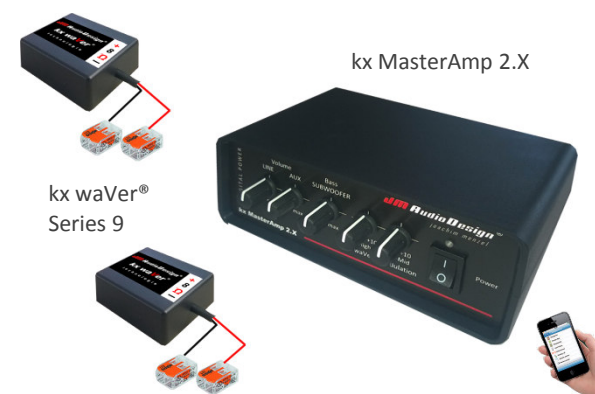


I Unlimited Freedom: Connectivity:
via Cable (LineOUT)
Bluetooth
WiFi/AirPlay®



The 3D Soundexperience at highest Level ...

- | Universal as Hifi-Stereo (2.0) System- or as Hifi-Stereo (2.1) System with Subwoofer applicable.
- | We bring almost any Material / Object for Sound (see Application).
- | Brilliant Soundquality & Dynamic by precisely matched kx waVer® and Electronics.
- | No Impairment of Room Design | Surfacesound without Loudspeaker.
- | Unlimited Freedom: Connectivity: via Cable, Bluetooth, WiFi/AirPlay®



Systems	Components	Power: Watt (M)* Frequencyresponse: Hz* without Subwoofer	Power: Watt (M)* Frequencyresponse: Hz* with Subw. sub.081-U	Power: Watt (M)* Frequencyresponse:Hz* with Subw. sub.251-E
MasterLine				
ML TWO-9 (02.230)	2x kx waVer® no.950-8, 1x kx MasterAmp 2.X	100 W. / 65-19000 Hz.	170 W. / 50-19000 Hz.	200 W. / 38-19000 Hz.
ML FOUR-9 (02.234)	4x kx waVer® no.950-8, 1x kx MasterAmp 2.X	200 W. / 65-19000 Hz.	270 W. / 50-19000 Hz.	300 W. / 38-19000 Hz.
ML EIGHT-9 (02.237)	8x kx waVer® no.950-8, 1x kx MasterAmp 2.X, 2x IMP.1-4	400 W. / 65-19000 Hz.	470 W. / 50-19000 Hz.	500 W. / 38-19000 Hz.
Subwoofer	Method of Construction		Power: Watt (M)*	Frequencyresponse:Hz*
kx sub.081-U (01.301)	Undercounter-Passive-Subwoofer		60 W. 4Ω	50-200 Hz.
kx sub.251-E (01.305)	Wall- / Ceiling Installation-Passive-Subwoofer		150 W. 4Ω	38-200 Hz.
The Delivery includes: 1x System incl. Power Supply, 1x Adhesive (Sticking the kx waVer®), 1x User Manual, Optional: Subwoofer				



Recommendend Accessories
Power Bluetooth Receiver (03.374)
WiFi/AirPlay® Receiver (03.380)
Adhesive, Cable etc. see Accessories.

* Depending on the Material and its thickness. Delivery without Smartphone. Errors and omissions excepted.

3D Soundexperience ...

- I Universal as Hifi-Stereo (2.0) System- or as Hifi-Stereo (2.1) System with Subwoofer applicable.
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- I Convincing Soundquality by precisely matched kx waVer® and Electronics.
- I No Impairment of Room Design I Surfacesound without Loudspeaker.
- I Unlimited Freedom: Connectivity: via Cable, Bluetooth, WiFi/AirPlay®



Systems	Components	Power: Watt (M)* Frequencyresponse: Hz* without Subwoofer	Power: Watt (M)* Frequencyresponse: Hz* with Subw. sub.081-U	Power: Watt (M)* Frequencyresponse:Hz* with Subw. sub.251-E
UniLine				
UL TWO-7 (02.260)	2x kx waVer® no.720-8, 1x kx UniAmp 2.X	40 W. / 80-19000 Hz.	90 W. / 50-19000 Hz.	110 W. / 38-19000 Hz.
UL FOUR-7 (02.264)	4x kx waVer® no.720-8, 1x kx UniAmp 2.X	80 W. / 80-19000 Hz.	130 W. / 50-19000 Hz.	150 W. / 38-19000 Hz.
UL EIGHT-7 (02.267)	8x kx waVer® no.720-8, 1x kx UniAmp 2.X, 2x IMP.1-4	160 W. / 80-19000 Hz.	210 W. / 50-19000 Hz.	230 W. / 38-19000 Hz.
Subwoofer	Method of Construction		Power: Watt (M)*	Frequencyresponse:Hz*
kx sub.081-U (01.301)	Undercounter-Passive-Subwoofer		60 W. 4Ω	50-200 Hz.
kx sub.251-E (01.305)	Wall- / Ceiling Installation-Passive-Subwoofer		150 W. 4Ω	38-200 Hz.
The Delivery includes: 1x System incl. Power Supply, 1x Adhesive (Sticking the kx waVer®), 1x User Manual, Optional: Subwoofer				



Recommended Accessories

Power Bluetooth Receiver (03.374)
WiFi/AirPlay® Receiver (03.380)
Adhesive, Cable etc. see Accessories.

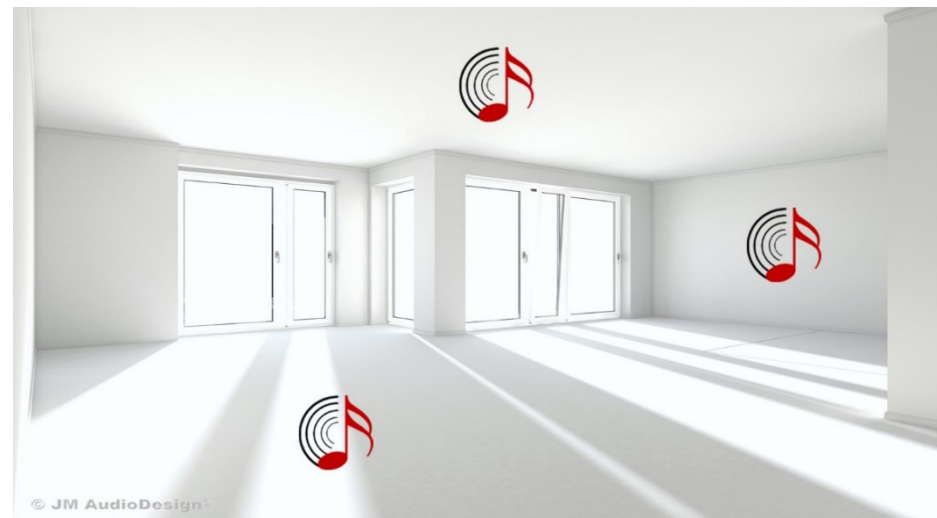
* Depending on the Material and its thickness. Delivery without Smartphone. Errors and omissions excepted.

The 3D Soundexperience at highest Level ...

- I Product Recommendations
- I We bring almost any Material For Sound ...

Wall
Ceiling
Double Bottom
Application (Installation)
Drywall Materials
e.g. Plasterboard, Wood,
Cover Plate

Objects
e.g. Installation in:
Kitchenette
Bathroom-Furniture
Tables
Glass

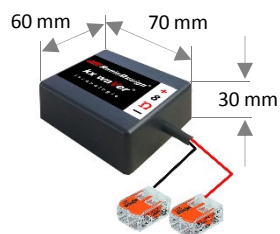


Declaration: **X** Optimal | **X** Very good | **X** decent

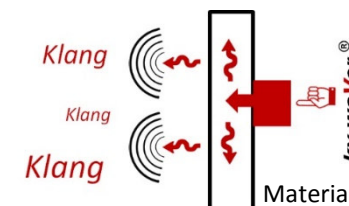
Application ↓ →	Systems	UL TWO-7	UL FOUR-7	UL EIGHT-7	ML TWO-9	ML FOUR-9	ML EIGHT-9
Ceiling about to		16 sqm	30 sqm	60 sqm	20 sqm	40 sqm	80 sqm
Wall: H= Height / B = Breadth		H to 3m / B to 4m	H to 3m / B to 8m	H to 3m / B to 16m	H to 4m / B to 8m	H to 4m / B to 10m	H to 4m / B to 20m
Dpuble Bottom about to		-----	-----	-----	20 sqm	40 sqm	80 sqm
Objects		e.g. Furniture, Glass	e.g. Furniture, Glass	-----	-----	-----	-----
Soundquality / Music & Movies		X	X	X	X	X	X
Woofer/Bass with Subwoofer		X	X	X	X	X	X
Woofer/Bass without Subwoofer		X	X	X	X	X	X
Language / Microphone		-----	-----	-----	X	X	X

* Depending on the Material and ist thickness. Delivery without Smartphone. Errors and omissions excepted.

kx waVer® Technology. Since all materials do have very different physical structures, it is necessary to use material-specific and sound-optimized kx waVer®. Both the housing form and the use of different materials are important facts for an optimal sound experience.

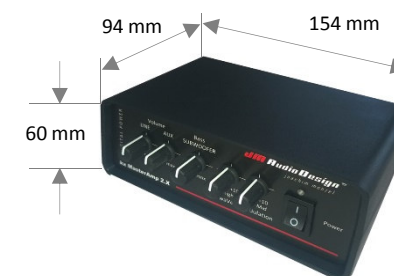
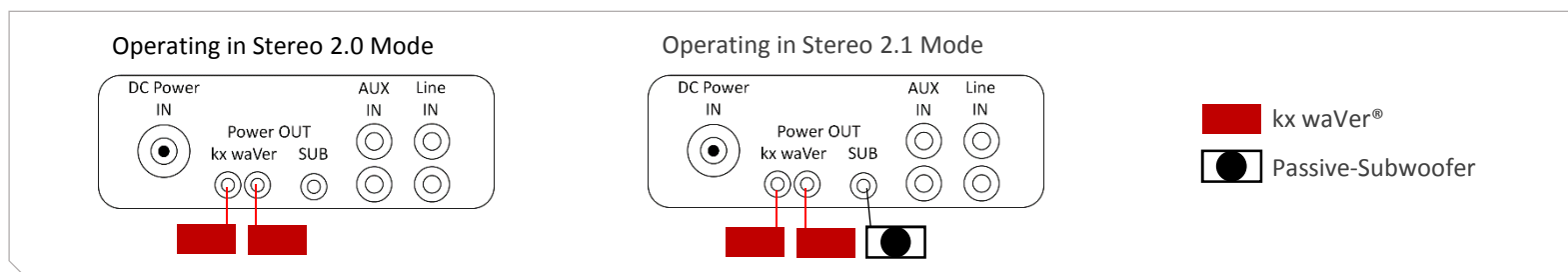


Type	Power	Frequencyresponse	Remark
kx waVer® no.720-8 (01.040)	20 Watt/M* 8 Ω	80 – 19000* Hz.	Plastic housing
kx waVer® no.950-8 (01.042)	50 Watt/M* 8 Ω	65 – 19000* Hz.	Black
IMP.1-4 (01.132) Converter	Impedance Converter		



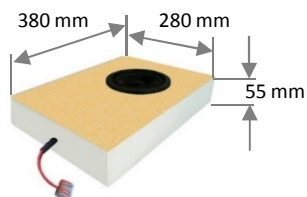
kx Amplifier. The control of the kx waVer® is done by digital amplifiers. These do optimize the finetuning of the Sound Image and ensure an optimal operational safety. Special Feature: The Amplifiers are universal as Hifi-Stereo (2.0) Amplifier - or as Hifi-Stereo (2.1) Amplifier applicable. The integrated Bassamplifier supplies the connected Subwoofer with Power. A 2-way Crossover ensures optimum Frequency Transitions.

Amplifier	Technical Data*	Connection and Control options
kx MasterAmp 2.X (01.470)	2x 50 Watt (4-8 Ω) 2.0 Stereo / Power for kx waVer® + 1x 100 Watt (4-8 Ω) Mono / Power for Subwoofer.	Inputs: 2x Stereo Cinch, 1x DC-Power supply. Outputs: Power right/left for kx waVer®, 1x Power for Passive-Subwoofer Control options: 2x Volume (AUX & Line IN) 2x kx waVer® Sound-Modulation, 1x Bass, 1x On/Off, 1x Power
kx UniAmp 2.X (01.471)	2x 30 Watt (4-8 Ω) 2.0 Stereo / Power for kx waVer® + 1x 70 Watt (4-8 Ω) Mono / Power for Subwoofer.	
Rec. Accessories	Power Bluetooth Receiver (03.374), WiFi/AirPlay® Receiver (03.380). Adhesive, Cable etc. see Accessoires.	



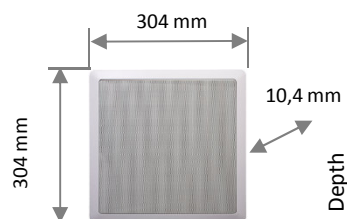
* Depending on the Material an ist thickness. Delivery without Smartphone. Errors and omissions excepted.

kx sub.081-U Subwoofer



Passive-Subwoofer. Hidden Installation / Mounting possible (Air Outlet must be providing free). For this reason, the top and bottom plates are not painted. In a visible installation, a custom design (paint, pasting, etc.) can be handled easily by yourself. Matching Amplifier kx Amp.

The very compact subwoofer enclosure of the kx sub.081-U is High-Quality and a special internal honeycomb structure ensures high strength. In combination with powerful bass chassis the best results are achieved. The amplifier is NOT integrated in the subwoofer. Since the subwoofer is almost always installed hidden, the ability to adjust the sound or volume at a later time is always given.



kx sub.251-E Subwoofer

Passive-Subwoofer. Speakers with mounting kit and aluminum front grille or white for wall or ceiling Installation. Matching Amplifier kx Amp . The kx sub.25-E is a compact ceiling or wall speaker. He provides a convincing bass. The amplifier is not integrated in the subwoofer. Since the subwoofer is always installed, the ability to adjust the sound or volume at a later time is always given.

Type	Technical Data *	Remark
kx sub.081-U (01.301) Undercounter-Passive-Subwoofer	60 Watt(M) 4-8Ω Frequencyresponse: 50-200 Hz.	Surfaces: nature, Edges white
kx sub.251-E (01.305) Wall- / Ceiling Installation-Passive-Subwoofer	150 Watt(M) 4-8Ω Frequencyresponse: 38-200 Hz.	Includes Installation-Kit

* Depending on the Material and its thickness. Delivery without Smartphone. Errors and omissions excepted.